

Disagreements over the aesthetic appeal and safety of "Transparent Horizons," a new sculpture erected near the Chemical Engineering Building, has led the MIT Committee on the Visual Arts to schedule an open forum to discuss the issues next Monday. Students, staff, faculty and administration are invited to the meeting, which will be held in the Bush Room, 10-105. See page 4 for the text of the Committee's letter to *The Tech*.

News Analysis

The high cost of research rules

By Mike McNamee
(Second in a series)

Social programs like equal opportunity hiring, Social Security, and occupational safety, have a broad-based effect: their federally-mandated costs hit corporations and businesses as well as not-for-profit educational institutions.

But there is another kind of cost imposed by the government on its aid-recipients and contract-seekers that adds a special burden which hurts colleges and private institutions much more than it does Lockheed or GM.

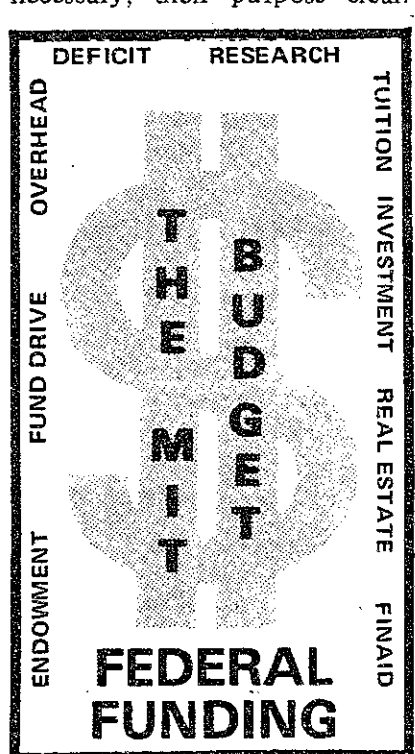
It's a burden measured in increased capital costs, increased staff costs, and increased time and effort put into every phase of research preparation and review. When the costs of this additional burden are separated from regular research costs, they appear staggering — and, more significantly, it is often almost impossible to recover them.

The burden comes from a growing volume of federal rules and regulations governing sponsored research in any number of fields. While providing less and less money for research, the government is paying more and more attention to how it is spent and what safeguards are being used by researchers who spend it.

This government concern has, in the last five years, expanded the traditional controls governing medical research on human subjects and safeguarding of radioactive substances to encompass new regu-

lations on animal care, protection of subjects in social-science research, and control of carcinogenic (cancer-causing) substances. New regulations governing control of research in microbiology are reported under consideration.

The regulations are often necessary, their purpose clear.



Many of the better research institutions — including MIT — anticipate the regulations and establish in-house standards that are often higher than those the government sets.

But each new set of regulations involves another administrative layer for the institution, and often another faculty com-

mittee to review proposals. Large facilities to contain dangerous substances must be built, and additional staff are needed to man them and be sure standards are met.

The whole process is expensive. And as often as not, the only way the institution can recover the costs of these facilities and staff — without even trying to pay for the additional faculty or researcher time required — is to raise the overhead rate it charges the government on research. The result: less money going to salaries and materials for research, more money going to overhead; less money available for research and, in the end, less revenue.

In the area of "bio-hazards," for example, MIT is about to move ahead of the government by appointing a Committee on Biohazards to review research dealing with recombinant DNA — with all the overtones of "genetic engineering" implicit in such work — and research on organisms which are potentially pathogenic — like tumor-producing viruses. But government standards are on the way, according to Professor of Biology Maurice Fox, and they are "almost certain to be severe and costly."

Fox estimated that the Biology Department alone would need a closed facility involving several hundreds of square feet to handle recombinant DNA research. Staff for the facility would include two full-time

(Please turn to page 6)

Frats split on paying tax

By Henry Fiorentini

With the Dec. 20 deadline for payment of the 8 percent meals tax approaching quickly, fraternity members who may find housebills rising by \$40 a year are pessimistic about the chances of escaping or amending the levy.

Fraternity officers contacted by *The Tech* say they are basing their hopes on measures in the legislatures to exempt non-profit organizations from collecting and paying the tax on meals they serve to stop the tax. If those measures fail, as one treasurer said, "We'll just have to pay it. Or else we can get thrown in jail."

Fraternity officers asked not to be identified, as there is a serious risk in deliberately avoiding the tax: a fine of up to \$1000 and possible imprisonment are the penalties for "fudging the books."

Two basic approaches to the tax are being taken. Some treasurers intend to comply with the law, regardless of what they feel about it.

About two-thirds of the houses have applied for registration under the law. Others, however, are adopting a "wait and see attitude," hoping to avoid payment until the chance for exemption from the tax have been fully tested. These houses hope that enforcement will be lax enough that they can escape

finer if they delay until the exemption is either put into effect or defeated. The feeling toward the tax was not consistent from one fraternity to another. While some regarded the new tax as part of the overall increase in the cost of living, a handful of members felt annoyed about it, looking at the tax as "going a bit too far." "This tax is going to be a terrible pain," the treasurer at one large frat said.

At least one fraternity is going to pay the tax "under protest," which may or may not help them in the long run. The one method which all fraternities contacted were pursuing was to support Associate Dean of Student Affairs Ken Browning's

bid to exempt fraternities, and many felt that this was all they could do, since no one wanted to be the "test case," and take a chance on imprisonment and a \$1,000 fine.

Zeta Beta Tau is one fraternity which may carry the ball a little bit farther. ZBT is considering taking the issue to the national organization for more backing.

More backing — whether from the national fraternities or the Institute — is what the fraternities feel they need to help rally support for their cause. And they need it soon, since this tax has hit them suddenly with another jump in the spiraling cost of going to college.

MIT pledges to bar bias in Arab pacts

Echoes of the controversy over discrimination in contracts with Arabs were still being heard recently when MIT joined more than 100 other colleges and universities in assuring the American Jewish Committee that they will take an equal-opportunity stance in dealing with Arabs.

A query from the Committee's domestic affairs commission expressing concern that institutions might be forced to bar Jews, blacks and women from research work for the oil-rich Arab nations drew a prompt response from President Wiesner's office, according to Administrative Assistant Barbara Wollan.

"We sent them a brief letter along with newsclips and statements that were made last spring when the Saudi contract was an issue," Wollan explained. "A few weeks later we got a letter from them thanking us for our response and a statement listing us among the schools which had pledged not to accept exclusionary contracts."

MIT's position on such potential discrimination was illustrated last spring when a \$1.7 million three-year research and development contract with Saudi Arabia was lost after Wiesner wrote the Saudi group stating that MIT would use a special "escape clause" to cancel the contract if "systematic" discrimination developed.

Prince Mohammed ibn Faisal, leader of the Saudi group, called Wiesner's letter "threatening" and broke off contract talks just before a final agreement was to be signed. Attempts to resurrect the deal failed.

Since then, the question of discrimination has been raised in contract discussion between Arab nations and Harvard and Johns Hopkins universities, several Big Ten schools, Woods Hole Oceanographic Institution, and the state of California. Realization that "Arab investments are an important and current issue on campus and would increase as time went on" prompted the Committee's inquiry, according to Alfred Moses

Update on the news

of the domestic affairs commission.

"We were told by several officials that America's colleges and universities had been so sensitized to the issue of nondiscrimination through affirmative-action efforts that we need have no concerns that any reputable school would consider entering into a contract that had a discriminatory or exclusionary clause," Moses told *The Chronicle of Higher Education*.

The Institute's Committee of Privacy has found that setting out to do a report on privacy is like grabbing a tar baby — as soon as one part gets loose, another gets stuck.

Each area which the committee has approached in its planned study of privacy of employee records has broadened into a separate field of interest, leaving the committee with more and more paths to pursue, according to

(Please turn to page 6)

The "Update" on the committee on Academic Performance in Friday's issue incorrectly stated that petitions would be required from any student wishing to complete an "I" grade past the fifth week of the term after the grade was given. According to CAP Administrative Assistant Jane Dickson, there are three phases in completion of "I" grades: within the first five weeks of the term after the grade was given, with no penalty or petitions required; after the fifth week but before the end of the term, with permission of the instructor but without a petition; and after the end of the semester, when permission of the instructor and approval of a petition to the CAP are needed. *The Tech* regrets the error.

NOTES

* Freshman Evaluation Forms are due on Friday, Dec. 12. Instructor turn-in deadline is Wednesday, Dec. 31 (changed from Jan. 2, due to Institute closing).

* An internship is currently being organized for students interested in the interaction between technology and law in the worlds of science, government and industry. Students may be able to earn both credit and a living stipend while working full-time on technical assignments. An informational meeting will be held from 4 to 5 this afternoon in Room 1-135. Contact Tim Bird, x3-1368, for details.

* The FAC Office is looking for a creative, innovative, responsible undergraduate to serve as the 1976 R/O Co-ordinator. Salary is \$1,000. Proposals are due by Jan. 12. Stop by the FAC Office soon for details.

* Tryouts for Dramashop's IAP major production, Ben Jonson's Elizabethan comedy "The Alchemist," will be held in the Kresge Little Theatre on Monday, Tuesday, or Wednesday evenings, Dec. 8, 9, or 10 at 7:30pm. Directed by J.D. Everingham; designed by Cecelia Eller, William Fregosi, and Edward Darna.

* Students for course 4.921, Creative Photography I, spring semester 1976 will be selected by lottery. The sign up sheets are available in the Creative Photo Lab W31-310 until Dec. 18.

* Because a large number of students were turned away from several literature distribution courses last fall, the following additional courses and sections of courses will be offered this spring: 21.020 Shakespeare: Art and Meaning (Lamson) M 3-5, W 3-4 or 4-5, 21.110 Introduction to Literature (Sirota) Tu Th 11-12:30 (Merritt) MWF 3-4, (Donaldson) Tu Th 3:30-5, 21.061 Introduction to American Literature (Perry) Tu Th 11:30-1 (Barbour) W 7-10, 21.111 Reading and Writing of Poetry (Spacks) MWF 2-3.

* Discount tickets for the Dec. 10 BSO open rehearsal are available at TCA, Student Center Room 450, x3-4885.

* A concert of contemporary Christmas music will be given by the Fine Arts chorale at 8:30pm, Wednesday, Dec. 17 in Kresge Auditorium.

The program includes works which the chorus is premiering in the Boston area this season. Tickets are \$3 and \$2 for students. Call 335-2134 for reservations.

* A concert of polychoral music for Advent and Christmas, composed by Michael Praetorius, will be presented at Wellesley College, Dec. 9, at 8:30 pm, in the Houghton Chapel. Performing will be the Wellesley College Madrigal Group and Collegium Musicum of voices and authentic instruments. The Christmas program will be open to the public, free of charge.

* TRITYRICONN, the Northeastern University concert band, will give a concert on Dec. 10 at 7:30pm in Alumni Auditorium, 360 Huntington Ave. Selections will include highlights from "Fiddler on the Roof," "Promises, Promises," "The Sound of Music," Chorale and Shaker Dance, "Contrasts in Blue," "Eldorado," "Alla Borocco," "Chanson and Bourree." Tickets are 50 cents in advance; 99 cents at the door. Call 437-3140 for further information.

New gaggle cops The Tech

Special to The Tech

A new Board of editors and managers will take over operation of *The Tech* in February, following elections held Saturday morning in the newspaper's Student Center offices.

The new 18-person board, elected in a tedious 2½-hour-long meeting, will be responsible for the 96th annual volume of the student newspaper. The volume will begin with the Feb. 3, 1976 issue and last one year.

Unlike past elections, which were often hotly contested, slurrified affairs, this year's meeting was relatively predictable, with very few contested positions.

Volume 96 Chairperson will be current Managing Editor Julia Malakie '77, an economics major. Malakie is the second consecutive Managing Editor to be "rewarded" with the ceremonial position.

Sports Editor Glenn Brownstein '77 was named Editor-in-Chief of the new Board, as four prospective opponents dropped out on election day, making the native New Yorker the first non-newsperson to hold the chief editorial position in several years.

Mark Munkacsy '78, presently a Night Editor, won election for Managing Editor, and John

Sallay '78 was re-elected as Business Manager, after Sallay failed to win in any of the earlier elections.

Gerald Radack '77 was promoted to News Editor from an associate position, joining Margaret Brandeau '77. Photo Editors remain Tom Klimowicz '77 and David Schaller '78, while Dave Dobos '77 jumps from staff to Sports Editor. New Night Editors will be freshman Rebecca Waring, Lynn Yamada '78, and David Thompson '78, who was re-elected to the post.

The Board, upon discovering that Acting Advertising Manager Joel Mandelbaum '78 could think of "no good reason" to

hold the full position, promptly elected him by acclamation.

Current Editor-in-Chief Mike McNamee '76 has become Features Editor for the spring term, with former Arts Editors Neal Vitale '75 and Stephen Owades '76 serving as associates. The position of Arts Editor was left vacant.

In recognition of services rendered to *The Tech* for the past term, special student Thomas Mayer (Dartmouth '77) was named a contributing editor, along with aging former Editor-in-Chief Paul Schindler '74, Financial Consultant Len Tower, and retiring Chairperson John Hanzel '76.

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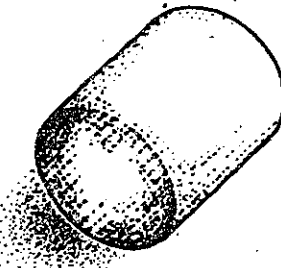
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Coop is OK—after rebate

By Peter G. Balbus

A first glance at prices at the Coop reveals that they are competitive with other neighborhood stores. But when one figures in the projected 7.5 percent discount for 1975, the prices approach bargain status.

On a random sampling of common household and health goods, Coop prices — minus — their rebate tended to be lower or, in some cases, significantly less than those prices at other stores.

On fair trade items (merchandise on which the price is set by the factory, such as Timex watches) the Coop rebate affords a margin of savings over all other stores.

And on items that tend to sell



years, and from all indications, will remain and grow.

In the second of a series of pricing comparisons, *The Tech* compared prices of some household and health goods at at Tech Coop with prices at several other of MIT-area stores. The stores are Purity Supreme, a large supermarket in Central Square; the 24-Hour Store, a new drug store between MIT and Central Square; Pharmacy, a drugstore just north of Purity Supreme; Woolworth, a chain discount store across Mass. Ave. from Purity Supreme in Central Square; and the Tech Coop on the first floor of the MIT Student Center.

at list price, such as sporting goods, quality cosmetics, clothing and books, the rebate returns a portion of purchase costs — effectively cutting the price 7.5 percent.

So, although Chrysler Corporation and Hoover vacuum cleaners have discontinued their factory rebate program, the Coop rebate continues after 93

Shopping the Coop: The rebate helps

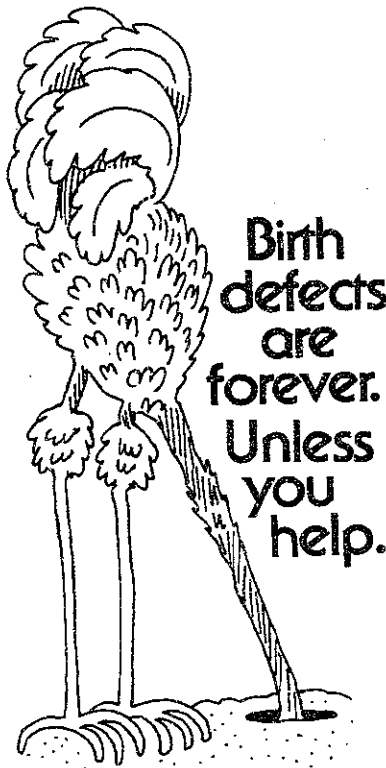
Item	W	PS	PC	24	TC	TC-reb
2 Eveready "C" Alkaline Energizers	1.50	1.45	1.70		1.70	1.57
Parker Co. "Chue" game			6.99		7.00	6.48
10 oz Noxema Skin Creme		1.89	1.97		1.91	1.77
80 Curad Bandage Assortment	1.33	.87	.91		.87	.80
7 oz Head & Shoulders Shampoo		1.59	1.66		1.77	1.64
11 oz Medicated Noxema Shave Creme	1.17	1.25	1.29		1.23	1.14
100 tablets 250mg vitamin C		1.39			1.99	1.84
8 oz Pepto-bismol liquid	1.17	1.19	1.34		1.45	1.34
49 oz Tide Laundry Detergent		1.39	1.39		1.39	1.29
50 tablets Bayer Aspirin	.77	.79	.88	1.40	1.06	.98
24 oz Listerine Mouthwash		1.55	1.49		1.39	1.29
7.5 oz Vaseline Petroleum Jelly	.87		.93		.82	.76
16 oz Peeled Tomatoes (Delmonte or equiv.)		.33		.59	.47	.43
12 oz Skippy creamy peanut butter		.73		.85	.73	.68
Quart Milk		.44	.48	.46	.44	.41

W = Woolworth
PS = Purity Supreme

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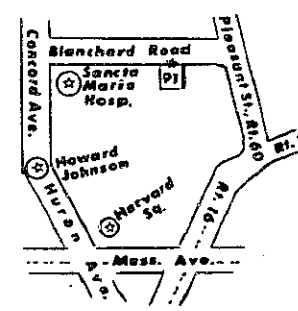
TC = Tech Coop
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Opinion

The week-long rape

By Michael McNamee

The end of the term is upon us all. The last week of classes is here, last papers, quizzes, and tests are taking their toll, and the faculty is busy with its usual end-of-semester rape of students.

Rape? There's no other word for it. Faculty action over the past few years has unofficially deprived students of one-fourteenth of the semester and come close to killing students with a crushing burden of semi-legal tests and cheating practices that leave most students absolute wrecks just before what used to be the most important week of the term — Finals Week.

Used to be — because Finals Week doesn't really exist anymore. Finals Week now is a ghost of its former self, a mockery of the idea that students should be given a small breathing space and study period before they're called upon to recall the entire content of a course and be examined on it. All the tests that were once in Finals Week have been moved to the "last week of classes" — when no one holds classes anymore — to be added to the term papers, lab projects, and quizzes already associated with that time.

No one really has a grip on the problem, and most faculty will tell you that they haven't seen a trend killing Finals Week. The trouble is, it just happens to be illegal — against the Faculty Rules and Regulations — to require final exams in the last week of classes. It wouldn't do to look at the matter and conclude that a substantial portion of the faculty is breaking the rules by offering them. So these last-week tests are "quizzes," "review exercises," or "last tests," even if they cover all the material in the course, require substantial review by the student, and look, smell, and taste like a "final."

The rationalizations break down because not all the faculty is up-to-date on these fine legalities and distinctions. Many of them heedlessly tell their students the truth — that they're getting finals during the last week of classes.

Even if the "logic" of the rationalization holds up, the practical effects of the system as it now stands are pretty horrendous. No one holds classes during the last week of classes — there are only rows and rows of test-bent heads as far as the eye can see. At current tuition rates, that's a \$250-plus week wasted as far as learning is concerned. Performance on the tests that are given suffers, because the whole idea of a final exam is to allow some time for review and reflection, and who can review and reflect for four tests at once? Performance on the traditional end-of-term academics suffers, too, because term papers are never as immediate or seem as important as tests, and so they get pushed aside. And most students end up the last week and go into whatever finals they have as zombies, burned out by the intensive crush of work dumped into that one week.

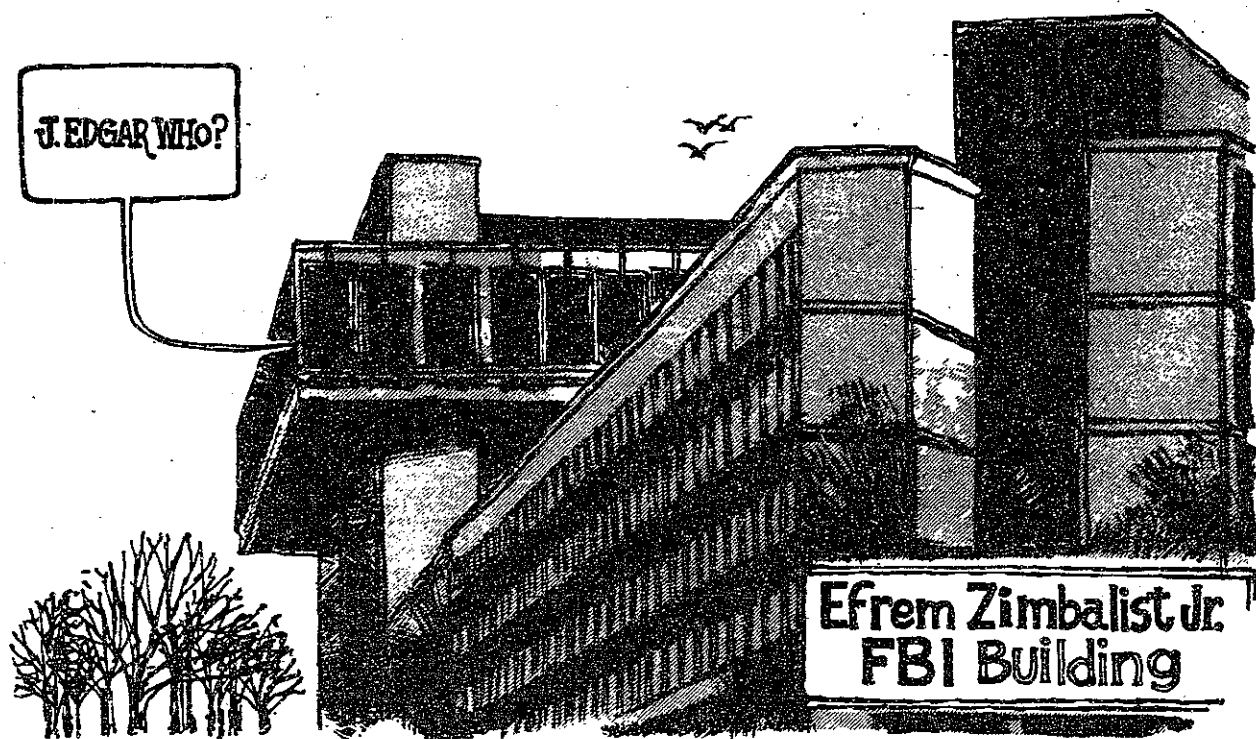
There are drawbacks in the traditional system. Many professors don't like the "finals atmosphere" — the feeling of pressure and intense competition that occurs when make-or-break emphasis is put on one test. Others feel that students shouldn't be put through several three-hour wringers during the space of one week. Scheduling problems result when students face several finals in that week. Students and faculty alike appreciate the opportunity to go home a week early.

But the finals atmosphere exists anyway, and under circumstances which magnify it and make it greater, not less. There's no law that Finals-Week exams must take a full three hours, although some of the tests now offered in the last week would be more useful if allowed to take that long. Administrative problems would be easier to handle, and Finals-Week tests made more appealing, by the simple scheduling reform of allowing one- and two-hour tests to be scattered among the three-hour blockbusters. And students and faculty wouldn't need that extra week of rest nearly as much if the week before it wasn't such a hellish time.

"Rape" may be too strong a word, but "robbery," "torture," and "extortion" all fit the bill. If the regular committees of the faculty aren't looking into the murder of Finals Week, then there should be some action to force them to. If they won't look at the problem, a special committee to consider abuses of the calendar would be in order. It's in the best interests of all students to force some action on this — if they have any energy left after this week.

Mike Peters

J. EDGAR WHO?



Letters to The Tech

Nuclear Safety

To the Editor:

There was a shocking letter to the editor in *The Tech* of Dec. 2 about nuclear power plants. It was one of those pieces whose overly emotional prose pretends to be merely humanistic, but whose gushing romanticism washes out the meaning of the subject.

The letter's authors complained about the objectivity of a report mentioned in the Nov. 5 *Tech Talk* concerning the safety of nuclear power plants. The authors claimed "such objectivity about human life and health is like the objectivity of counting corpses in a pile — it treats people like so much meaningless matter and denies that human life *must* outweigh considerations of economic efficiency and 'progress'."

What the authors have forgotten is that they are the ones (along with several more rational individuals) who first asked the important question, "How safe are nuclear power plants?" Regrettably, when the authors got an answer to their question, they refused to accept any answer on the grounds that such things *cannot be measured*. Why, then, did they ask the question in the first place? Should we leave it to humanities professors to determine the likelihood of a nuclear accident and its consequences, given their background in mathematics, engineering, materials science, biology, meteorology and earth

science (all of which are involved in such calculations)? It seems more reasonable to give the job to scientists, who can then tell the humanists that nuclear power plants are safer than this and more dangerous than that; and leave the humanists the problem of figuring out the philosophical fine points of social good and evil, a problem

to which they can better relate.

I believe that engineers should stick to engineering, and artists to creating art. But if an artist asks a technical question of an engineer, he should respect a concrete answer in ink on paper, and not expect an impressionistic landscape on canvas.

Tom Bracewell '76

Sculpture Debate

To the Editor:

It would be tragic indeed if the generosity of sculptor Louise Nelson, and her profound interest in MIT, was greeted by a slap in the face this Wednesday when she comes to our campus for the dedication of her sculpture ("Transparent Horizons") and the discussion of it with the MIT community. Yet the Committee on the Visual Arts does

feel that a forum should be provided for open debate on the issue, and invites all interested persons, both pro and con, to attend a forum on Monday, Dec. 15 in the Bush Room, 10-105. Persons interested in addressing the issue from the platform should contact me at x3-7615. All students, staff, faculty and administration are invited to participate.

Wayne Andersen

Chairman, Committee on the

Visual Arts

(The time for the forum will be published in Friday's issue after some details are worked out. — Editor)

The Tech welcomes Letters to the Editor. Typed letters are preferred. Letters must be signed; names will be withheld upon request. Send letters to The Tech, W20-483.

The Tech

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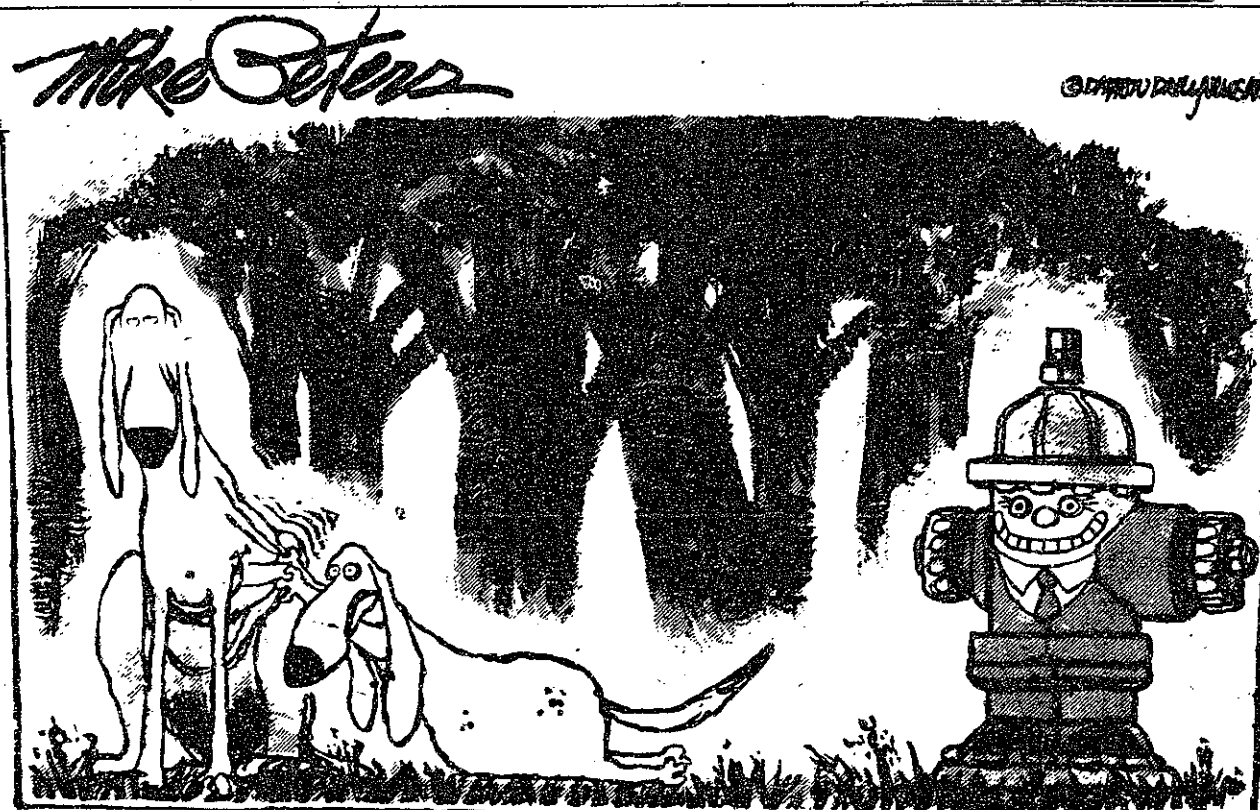
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"I CAN'T.... I JUST CAN'T...."

Review

Tonight at 8:30: three scenes of variety



By William Schaffer

Tonight at 8:30, the latest presentation by the MIT Community Players, is a work that lives up to the reputation of the company — a reputation founded on being one of the best theatre groups at MIT while at the same time being one of the least known. The Players have, as always, drawn their talent from all segments of the MIT community to put together a lively and successful show.

A Noel Coward classic, *Tonight at 8:30* consists of three separate, unrelated acts with the "English way of life" serving as the sole cohesive theme.

The first segment, "Ways and Means," concerns itself with the dilemma of a destitute couple in the middle of the Riviera. Stella and Toby Cartwright wrangle their way out of debt by collaborating with an ex-chauffeur to rob a friend. Blanch Garfein and William DiPasquale play the impoverished pair with flair and a knack for Coward's

lines which no other actor in the show could match. "Fumed Oak," the second vignette, is a portrait of a man who decides to leave his wife after fifteen years of marriage. Michael Morris gives the best performance of the evening as the husband who stands secure against the railing of his wife, daughter, and mother-in-law as he tries to make them see that he finally knows who he is and what he wants to do with his life. Morris's presentation is outstanding.

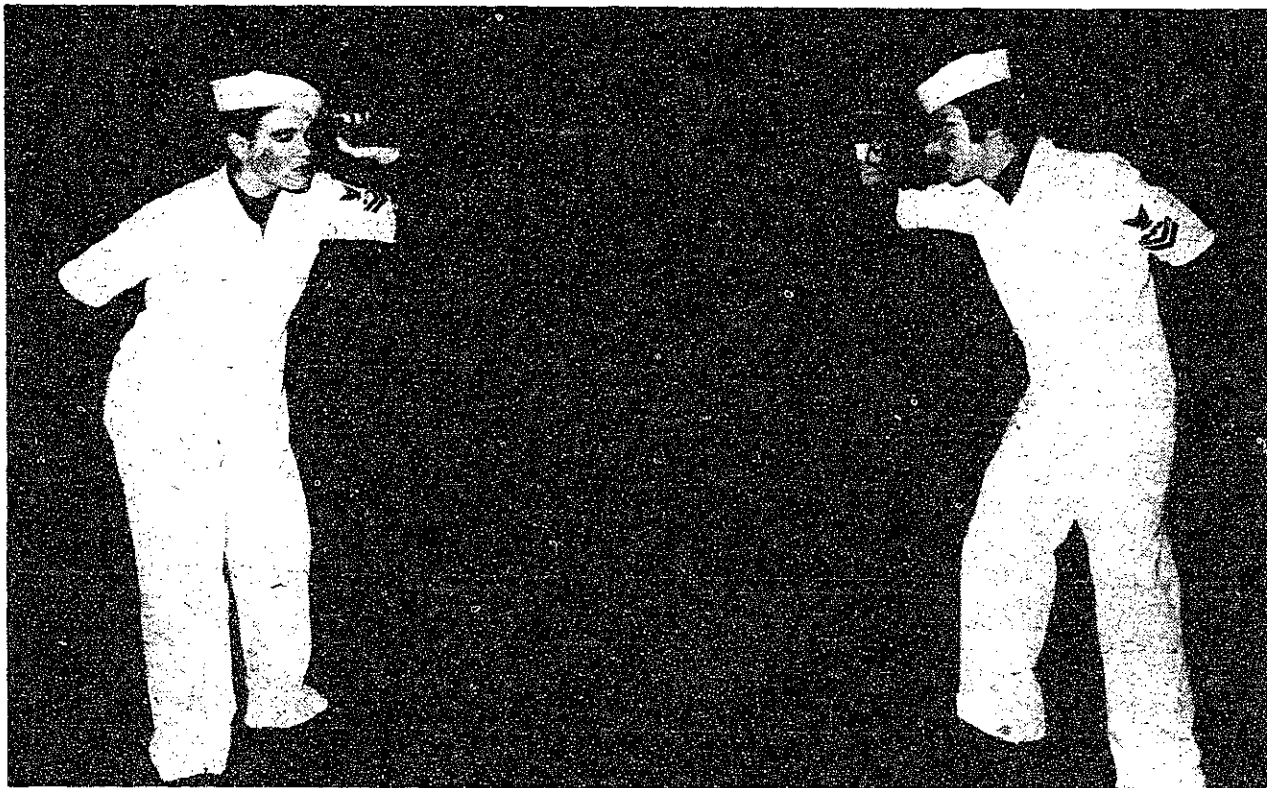
"Red Peppers," the final scene, is the worst of the three. Nearly incomprehensible when performed well, this scene suffered badly from a lackluster performance with dropped lines, mediocre acting, and poor lighting. The Players' direction doesn't get behind the humorous sketch, the dance numbers and backstage banter to point up the main theme: the feelings and interactions of a married couple who have been on stage with

each other for more years than either cares to remember. Neither Debbie LeMieux or Jeff Schwartz, who play Lily and George Pepper, is a dancer. They pant heavily throughout the entire act. And to add insult to injury, neither should have attempted any type of British accent without far more work.

The set for all three vignettes consists of a back wall, door, and window, with interchangeable curtains and furniture. This arrangement works only in "Fumed Oak", as "Ways and Means" makes it look run-down and it seems too nice for "Red Peppers." Costumes by Ellen Mason are good, especially in "Ways and Means."

With the exception of a few flaws mentioned above, *Tonight At 8:30* was a success, and was received well by the audience. The next MIT Community Players production is *Hamlet*, scheduled for February, with tryouts scheduled for February 14-17.

Photos by Rich Reihl



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MIT

Federal research rules hit hard Privacy issues snowball as group prepares report

(Continued from page 1)
professionals, experts in containment of microscopic substances, and a number of other skilled employees. Maintenance of the facility and its expensive equipment would be critical.

"You're talking about a substantial sum of money — I'm not sure if it's in the hundreds-of-thousands-per-year range or the millions range," Fox said. "The expenditures to meet these standards are enormous."

And recovery of the funds spent will be difficult. One-time grants from the National Institutes of Health may be available to help pay for the renovations needed, Fox said, but the only way to pay the long-term staff and maintenance costs is through overhead increases — imposing a higher rate on the salary and materials component of research funds to go for administration and facilities. The result, Fox said, may be a cut in total research.

"Total grant funds in biomedical research have dropped by a real factor of two in the last six to eight years," Fox explained. "If more facilities are going to be required, there's going to be more of a bite on the research dollar, and less real research is going to get done."

Biohazards aren't the only things the government is erecting standards against. Carcinogenic substances fall under the Occupational Safety and Health Act (OSHA) as well as research standards. HEW began in June to require review of all research involving human subjects by a body like MIT's Committee on Use of Humans as Experimental Subjects (COUHES). And meeting standards for care of laboratory animals has been a concern of researchers since the Animal Welfare Act of 1971.

MIT's veterinarian, Dr. James G. Fox of the Laboratory Animal Medical Service, said that extensive renovations are underway to provide high-

quality care and protection for laboratory animals. The Institute is presently constructing a central animal care facility on Vassar street, he said, to be used while each of the seven "satellite facilities" are renovated to meet containment and care standards.

"The institute is committed to high-quality animal care, in addition to the NIH guidelines we must meet," Fox said. "However, there's money involved in living up to that commitment."

The central facility will be especially useful in containing biohazardous research, Supervisor of Animal Labs Stephen Nigro told *The Tech*. "We've been aiming at this kind of center for four years now, culminating in the revamping of all our facilities," Nigro said.

Both Fox and Nigro declined to estimate the costs of the renovations, although Fox said a \$1 million estimate is low. Most of the direct costs of the improvements are being picked up by an NIH grant, Nigro said,

but the staff and maintenance costs will be added to overhead — "It's still up in the air who's paying for what," Fox said.

Fox and Nigro are also part of a review process which, like COUHES and the proposed Committees on Biohazards and Carcinogens, involves faculty and staff in reviewing research proposals to make sure standards and safeguards are maintained. Such commitments of faculty time are often one of the greatest costs of government standards.

"As life here has become more complicated in the last five to ten years, you find the faculty's time goes less to teaching and more to administrative work," Associate Provost Harley Rogers explained. "The context is one of a hectic, distracting world, where often the real first interests of the faculty can get pushed to the background. It makes the scene 25 years ago look pastoral."

(Friday: The federal-cost curve keeps rising.)

HUMANITAS: AN EVOLVING PERSPECTIVE

Ideas and Images
of Humanity in the West

Thursday, December 11
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Darwin, Chance, and Creativity

Howard E. Gruber, Institute of Cognitive Studies,
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(Continued from page 1)
ding to chairman Arthur C. Smith, professor of Electrical Engineering.

The result, Smith said, is that the committee hasn't completed the report on employee privacy which it had hoped to put before the faculty this fall. And Smith wouldn't hazard a guess on when the committee will have a report — "I'm not quite sure where we'll end up with it," he said.

The committee has been useful, Smith said, in helping the administration follow developments in new privacy legislation and in stimulating policies to deal with such measures.

MIT got caught unprepared

last fall with the passage of the Buckley bill, which have students access to their Admissions and Deans' Office files. Although few students actually requested their files, the administration was worried about the lack of privacy policies which the amendment revealed, and Smith's committee was appointed.

"There's a continuing atmosphere in legislatures and government to write more privacy legislation, like the Buckley Amendment (dealing with student files) and the credit laws," Smith said. "It would be helpful if the Institute had well-developed policies to meet these things as they arise."

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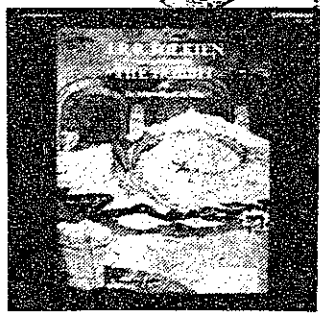
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Sports

Last-match effort wins meet, rescues wrestlers' win streak

By Farrell Peternal

MIT Varsity Wrestling Coach Will Chassey received a few additional gray hairs Saturday as he watched his mostly young and unpolished team squeak by Wesleyan University to grab a come-from-behind victory in the last period of the last match of a triangular meet held in Rockwell Cage at MIT.

MIT defeated Wesleyan 23-22 and overpowered Bowdoin College 32-15, while Wesleyan easily triumphed over Bowdoin 37-10. By defeating both teams, MIT attained a perfect 3-0 record which it takes into a long Christmas break before it meets Harvard on January 13.

The MIT wrestlers started slowly, ending the first of three rounds behind Wesleyan 6-13 and Bowdoin 0-9. Gaining ground against Bowdoin, yet losing to Wesleyan in the second round, MIT entered the last series of matches leading the former 15-9 and behind the latter 10-22. Winning all the lightweight final-round matches against Wesleyan, MIT trailed by three points with only freshman 177-pound Bruce Wroble, undefeated in his first three intercollegiate matches, to wrestle.

By new NCAA scoring rules, an individual wrestler can earn his team three points with a win by decision, four team points by a "superior decision" (winning by eight or more points), five team points by a "super-superior decision" (winning by a margin of twelve points or more), or six team points by pinning his opponent. In order for MIT to win, Wroble had to not only beat the 177-pound Wesleyan grappler, but beat him by at least eight points. He won 10-1.

Senior co-captain Erland van Lidth de Jeude also continued his perfect record, pinning Vose of Wesleyan and accepting a forfeit, from Bowdoin. Co-captain Joe Tavormina '76, wrest-

ling above his weight at 190 pounds lost to the Bowdoin co-captain 4-7 and the Wesleyan co-captain 6-9 in two tough matches.

At 167 pounds freshman Gary Spletter handily defeated Stenbury of Bowdoin 10-1 and lost a tied match in the third period to Latessa from Wesleyan after being caught making a bad move. Freshman Hoyt Davidson showed particularly good style defeating Carty of Bowdoin 14-5 and Tsagarakis of Wesleyan 7-5. Davidson now has a 3-0 regular season record.

At 150 pounds the junior team of John Thain and Steve Brown showed great strength with Thain pinning Wingood of Bowdoin and Brown defeating co-captain Hurd of Wesleyan 5-4. 142-pound Joe Scire '77 had tougher luck, losing both his matches, as did Werner Haag '77 at 134 pounds.

Sophomore Steve Brigham pinned Kurch of Wesleyan and picked up a forfeit from Bowdoin, while freshman Mort Isaacson pinned Renjalli of Bowdoin and lost to Escalera of Wesleyan 0-10.

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Sports

Hockey club defeats Gordon 5-1 to snap three-year losing streak

By Lee Weinsten

The MIT hockey club won its first game since February of 1973 this past Saturday night when the Engineers defeated Gordon College 5-1, with a very satisfying performance.

After Gordon scored the ini-

Sporting Notices

Due to a scheduling conflict, the women's swim meet against Jackson and the University of New Hampshire will be held at MIT's Alumni Pool tonight at 7pm, not at Jackson as was originally scheduled.

Tryouts for MIT Community League Hockey will be held tomorrow at 9:30pm at the rink.

Although the league is primarily for staff and graduate students, any member of the MIT community is welcome to try out. For more information call Ken Okin at x3-7813.

tial goal midway through the first period, MIT controlled the rest of the contest. Later in the first period MIT scored on a goal by Gerry Was G from Dave Tohir '79 and Tony Luzzi G. In the second period three quick goals were scored after a long period of Engineer control. The first goal was by Was from Tohir, the second was scored by Tohir from Rich MacKinnon '78, and the third was netted by Rick Bryant '79 from Luzzi. MIT continued to dominate in the last period, tallying a final goal by Luzzi from Carsten 'Wheels' Mortensen '76.

The well-played game featured fine performances of Luzzi, Was, freshmen Tohir, Bryant, and goalie Al Lewis '76. Luzzi led the team in offense and defense, ending the evening with two assists and a goal. Was scored the two goals which put MIT ahead for the rest of the game. Tohir seems to be a strong prospect for the future.

In other contests the Engineers lost to Tufts, 7-3, Thursday night, in a game that was lost in the last period. Goals were scored by Lou Odette G,

Luzzi, and Steve Warner G. MIT also lost to Westchester State, 2-0, Sunday afternoon. Luzzi, Andy Jarrel G, and Lewis all skated well. The team's record is presently 1-2.

This year the team chose to become a 'club' team, which is slightly different from the varsity status it previously held. The MIT skaters decided to switch because the team lost many juniors and seniors and did not foresee a large recruitment of freshmen. Club status allows graduate students to play, greatly increasing increasing the eligible resources of talent. Although the team plays mostly varsity teams it now plays some other 'club' teams. The schools which annihilated MIT last year were deleted from the schedule.

In recent years the MIT hockey team has suffered from the improvement of hockey in the northeast as well as the recruitment tactics of other schools. According to Coach Wayne Pecknold, many potential hockey players are learning about MIT too late in the admission process, and therefore do not get to apply.



Gordon Hall

The MIT hockey team battled (top) and shoved (below) to try to win the home opener against Tufts Thursday night at the rink. Although the Engineer efforts went for naught as Tufts scored three quick third-period goals to pull out a 7-3 win, MIT came back Saturday to win its first game in nearly three years, topping Gordon 5-1.



Gordon Hall

Brandeis nips track by 1 1/2 points

By Dave Dobos

In one of the most exciting meets seen here in years, the MIT indoor track team fell a scant 1 1/2 points short of upsetting Brandeis last Saturday in Rockwell Cage. The Judges' 68 points edged out MIT's 66 1/2. Worcester Poly could manage only 13 1/2 in the contest.

The meet was characterized by keen competition as two Rockwell Cage records were shattered and 11 of 14 events were won with better performances than in 1974.

After trailing by as many as 11 points midway through the meet, the Engineer thinclads closed the gap to 1 1/2 with the one and two mile relays remaining. In the former, freshman Dave Foley ran a gutsy third leg against the Brandeis 600 yard dash winner, fighting him off until the last 50 yards, to set up Rich Okine '77, the MIT anchor man, who breezed by his Brandeis opponent to win the race.

The relay victory put MIT out in front by half a point with one event left, but Brandeis' distance squad, which had placed third in the cross country National three weeks ago, manned their two-mile relay team. Undaunted, senior Jeff Baerman led off to give MIT a 15 yard lead. However, by the time anchor man Joe Egan '77 received the baton, he found himself an identical distance behind. Although he ran the fastest leg of any team, Egan could not make up all the distance. The Brandeis team was pushed into a record-breaking run, while MIT fell short of the mark by only six-tenths of a second. The relay team had to settle for second in the event as did MIT for the meet.

The Engineers showed great improvement over last year's contest which they lost to Brandeis by 30 points. The thinclads scored higher in nine events and equalled their 1974 point totals in two others.

Okine and senior co-captain

Mike Ryan each scored 9 1/2 points to lead MIT. The versatile Ryan scored in four events and Okine won the hurdles and was second in the 50 yard dash. Both athletes ran on the victorious mile relay team.

Sophomore Fred Bunke recorded a personal best in the weight throw to capture that event by less than an inch. His second place in the shot put rounded out his eight point total. All-American Frank Richardson '77 fell only four seconds short of a third Rockwell Cage record of the day enroute to an easy two-mile run victory. Reid von Borstel '78 put forth a super effort to upset Brandeis high jumper Kim Visbaras who had earlier bettered the Cage triple jump record by over a foot.

In the pole vault, Jim Williams '77 matched an indoor personal best of 12'6" to win that event. Paul Edelman '78

leaped a personal best 20'9" for second in the long jump and cleared six feet for a third place tie in the high jump.

In the most thrilling individual race of the afternoon, senior Jim Banks sped by his Brandeis opponent in the final straightaway to win his heat of the 600 yard dash.

Basketball drops three straight

By Glenn Brownstein

Inconsistency, the same problem that plagued MIT's men's varsity basketball team last season, was the major factor in the Engineers' three losses last week to Brandeis, Norwich, and RPI.

Against Brandeis, MIT played twelve minutes of solid basketball, running up a 35-18 lead over the Judges in the first half, and then lost the edge, allowing the Waltham school to pull within ten points at halftime,

46-36.

The Engineers appeared to be emotionally keyed up for the second half, but enthusiasm itself was no match for superior shooting and playmaking, as Brandeis, aided by MIT's foul trouble (Peter Jackson '76, Kenny Armstead '76, Marc Thompson '76, and John Cavorowsky '76 all had four personals early in the half), chipped away at the Engineers' lead, finally tying the score at 67-all with 6:08 remaining.

Jackson tipped in a missed jumper to put MIT back in front, but the Judges outscored the Engineers 10-1 to take a 77-70 lead with only 1:26 left in the contest.

Two Brandeis turnovers and three Jackson baskets pulled MIT within two points with only 33 seconds on the clock, but the Judges stalled out all but three ticks, when Walter Harrigan dropped in a free throw to clinch the victory.

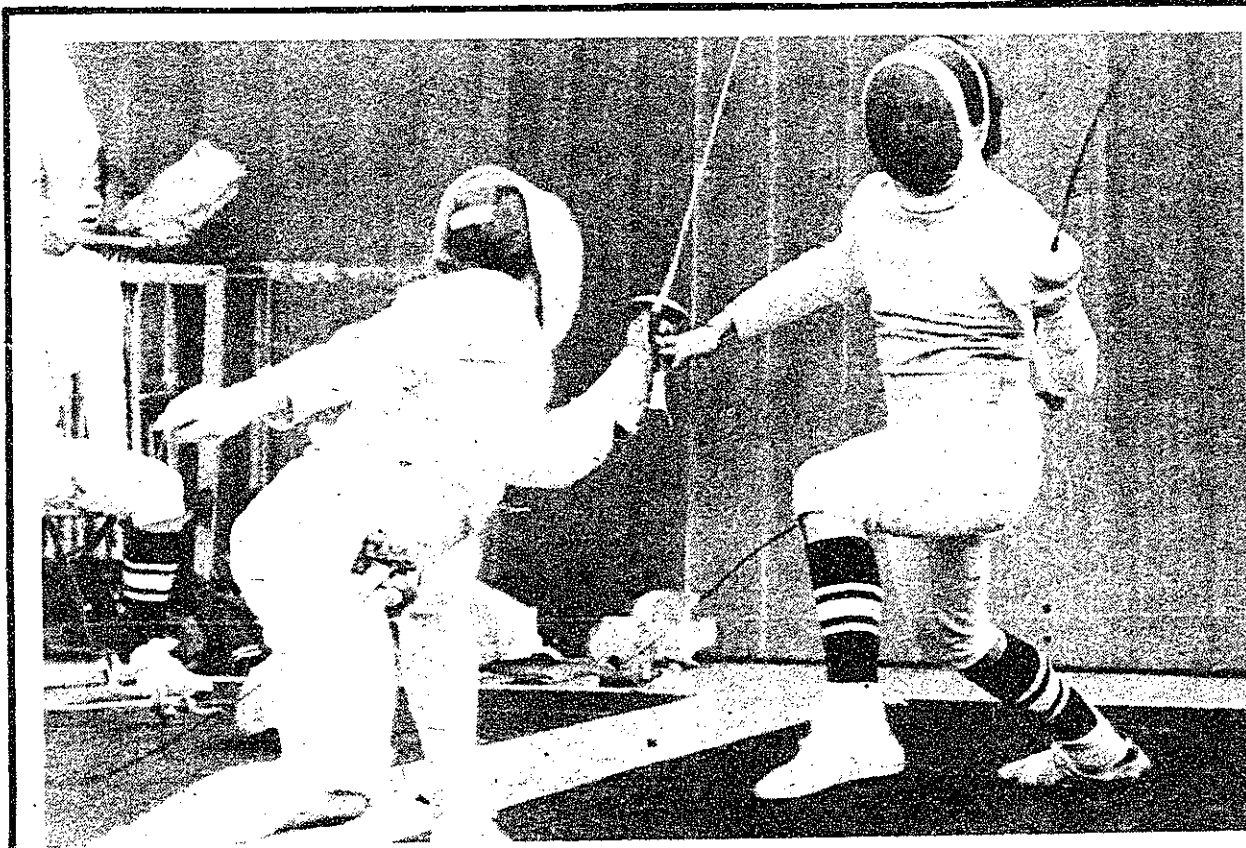
MIT, obviously down after the tough loss to Brandeis, played a flat game Friday night in losing to Norwich, 68-60.

"Norwich completely outplayed the Engineers, using a very deliberate offense (only 45 shots in the entire game) to roll up a big lead that MIT could not make up. Joe Marcewicz shot 67% from the floor and scored 30 points to pace the winners, while Cam Lange '76 tallied 22 for MIT.

Not considered to have much of a chance against highly-rated RPI, MIT nonetheless stayed with a taller, more talented Rensselaer team for 24 minutes before succumbing, 77-56, Saturday night at the Cage.

MIT trailed RPI 47-40 with 16:10 remaining in the game, but Rensselaer scored 13 of the game's next 15 points to end MIT's upset hopes.

Jackson scored twelve points for the Engineers, giving him 1001 for his career. The 6-3 senior center from St. Louis is the seventh player in school history to reach the thousand mark.



John Hopper

MIT (left) and Harvard epeeists duel in MIT's heartbreaking 14-13 loss to the Crimson Wednesday night. The fencers upped their record to 2-1 Saturday with victories over Brooklyn College (14-13) and Colgate (20-7).